

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

Vorlage	Ablage	P740
Haupttermin		
Eing.: 24. APR. 2003		
PA. Dr. Peter Riebling		
Bearb.:	Vorgelegt.	

(11) Publication number: **2000310220 A**(43) Date of publication of application: **07.11.00**(51) Int. Cl. **F16C 17/10**(21) Application number: **11121652**(71) Applicant: **KOYO SEIKO CO. LTD**(22) Date of filing: **28.04.99**(72) Inventor: **FUJII YOSHIKI**(54) **DYNAMIC PRESSURE BEARING**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a dynamic pressure bearing having a shaft, to which a flange can be firmly secured with ease.

**SOLUTION:** The outer peripheral faces of a shaft 2 are respectively provided with annular grooves 4, each of which is shaped like an arc in section and has the same size of width as the thickness of a flange 3. When dynamic pressure generating grooves 5, 6 are respectively formed on end faces 3a, 3b of the flange 3 with the use of dies, the inner peripheral faces of the flange 3 expand and respectively bite into the annular grooves 4, each of which is shaped like an arc in section, and each of the inner peripheral faces of the flange 3 and the each of the sectionally-arclike annular grooves 4 press against each other over the entire width in the direction of the thickness of the flange 3 and engage with each other.

